## AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

## Listing of Claims:

1.    (currently amended):  A method for manufacturing a data storage device, comprising:

placing a RF tag on a data storage device;

assembling said data storage device based on said RF tag; and

testing said data storage device based on said RF tag;

wherein said RF tag provides information on a job number associated with the data storage device, said job number being correlatable to a work station identifier (ID) associated with the data storage device, said RF tag further providing information on an assembly method of said data storage device and said RF tag further providing information on a test method for testing said data storage device, and said data storage device is being at least one of a drive tray or and a controller.

2.    (original):  The method of claim 1, wherein said RF tag is a read-only tag.

3.    (original):  The method of claim 1, wherein said RF tag is a write once read many tag.

4.    (original):  The method of claim 1, wherein said RF tag is a read/write tag.

5.    (cancelled)

6.      (currently amended):  A method for shipping a data storage device, comprising:

reading a RF tag attached on a data storage device to select said data storage device; ~~and~~

shipping said data storage device to a customer;

removing said data storage device from an inventory based on said RF tag;

and

billing said customer based on said RF tag;

wherein said data storage device is a drive tray or a controller.

7.      (original):  The method of claim 6, wherein said RF tag is a read-only tag.

8.      (original):  The method of claim 6, wherein said RF tag is a write once read many tag.

9.      (original):  The method of claim 6, wherein said RF tag is a read/write tag.

10-11. (cancelled)

12.     (currently amended):  A method for tracking and utilizing a data storage device, comprising:

tracking a physical location of said data storage device based on a RF tag placed on said data storage device before said data storage device reaches a customer;

entering information about a said data storage device into a database through reading a said RF tag placed on said data storage device when a the customer receives said data storage device from a manufacturer;

storing said data storage device in an inventory based on said RF tag;

retrieving said data storage device from said inventory based on said RF tag;

placing said data storage device into service based on said RF tag; and

communicating a location and hardware and software configuration information of said data storage device to said manufacturer via at least one of global position system and said RF tag;

wherein said RF tag contains the hardware and software configuration information about said data storage device, and said data storage device is a drive tray or a controller.


13-17. (cancelled)


18.     (withdrawn):  A method for a manufacturer to maintain a data storage device, comprising:

notifying a manufacturer of a failure or potential failure of a data storage device; and

locating said data storage device via a RF tag placed on said data storage device and via global positioning system by said manufacturer,

wherein said RF tag contains hardware and software configuration information about said data storage device.

19.    (withdrawn): The method of claim 18, wherein said notifying step is performed via a remote monitoring system and SCADA (supervisory control and data acquisition) technology.

20.    (withdrawn): The method of claim 18, further comprising repairing said data storage device.

21.    (withdrawn): The method of claim 20, further comprising writing repair and modification information on said RF tag.

22.    (withdrawn): The method of claim 21, further comprising communicating with a billing system of said manufacturer via said RF tag and sending charge to a customer.

23.    (withdrawn): A method for a manufacturer to repair a returned data storage device, comprising:

        reading a RF tag attached on a returned data storage device, said RF tag containing hardware and software configuration information about said returned data storage device; and

        inquiring whether a warranty period for said returned data storage device has expired or whether said hardware and software configuration information is different from original configuration information.

24.    (withdrawn): The method of claim 23, further comprising routing said returned data storage device to a correct location for repair and reconfiguration based on said RF tag when said warranty period has not expired and when said hardware and software configuration information is not different from said original configuration information.

25. (withdrawn): The method of claim 24, further comprising repairing said returned data storage device.

26. (withdrawn): The method of claim 25, further comprising storing a new configuration on said RF tag.

27-32. (cancelled)

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